

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims

Claims 1-14 (canceled)

Claim 15 (currently amended): An isolated ~~probe that detects activation of KDR/Flk-1 and binds tyrosine residue Y1214 of KDR/Flk-1~~ antibody that binds a peptide consisting of an amino acid sequence of KDR/Flk-1, wherein the amino acid sequence comprises SEQ ID NO: 1 or SEQ ID NO: 2.

Claim 16 (canceled)

Claim 17 (currently amended): The ~~probe~~ antibody of claim ~~16~~ 15, wherein the ~~probe~~ antibody is a monoclonal antibody.

Claim 18 (currently amended): The ~~probe~~ antibody of claim ~~16~~ 15, wherein the ~~probe~~ antibody is a polyclonal antibody.

Claim 19 (currently amended): A composition comprising the ~~probe~~ antibody of claim 15 and a carrier.

Claim 20 (canceled)

Claim 21 (currently amended): A kit for detecting the activation of KDR/Flk-1 comprising the ~~probe~~ antibody of claim 15 and reagents for a detection assay.

Claim 22 (currently amended): A method of generating the antibody of claim ~~16~~ 15, comprising immunizing an animal with a peptide ~~comprising Y1214 of KDR/Flk-1~~ consisting of

an amino acid sequence of KDR/Flk-1, wherein the amino acid sequence comprises SEQ ID NO: 1 or SEQ ID NO: 2, and isolating the antibody from the animal.

Claim 23 (previously presented): The method of claim 22, wherein the animal is a mammal.

Claim 24 (currently amended): The method of claim 22, wherein the peptide comprises consists of SEQ ID NO: 2.

Claim 25 (currently amended): The method of claim 22, wherein the peptide comprises consists of SEQ ID NO: 1.

Claims 26-39 (canceled)

Claim 40 (currently amended): The ~~probe-antibody~~ of claim-~~16~~ 15, wherein the antibody is a F(ab')₂ ~~construct~~, a Fab ~~construct~~ or a single chain Fv ~~construct~~.

Claim 41 (canceled)

Claim 42 (currently amended): The ~~method of~~ antibody of claim-24 15, wherein the peptide consists of SEQ ID NO: 2.

Claim 43 (currently amended): The ~~method of~~ antibody of claim-25 15, wherein the peptide consists of SEQ ID NO: 1.